UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BABBITT NE QUADRANGLE
MINNESOTA
7.5 MINUTE SERIES (TOPOGRAPHIC)

7679 IV SW (BEAR ISLAND) | 7679 IV SE (KANGAS BAY) | 7679 I SW (BOGBERRY LAKE)

91°52'30" | 47°45' | 50' | R 12 W | R 11 W | 47°30" | 2 330 000 FEET | 91°45'

BIRCH LAKE
NORMAL RESERVOIR POOL ELEVATION 1418
Norway Point
Birch Point
North Bay
Bob Bay
Kinghurst Bay
Denley Creek
BEAR ISLAND STATE FOREST
Dunka Bay
STATE FOREST BOUNDARY
CORPORATE BOUNDARY
RAILROAD
Mine Dump
Snort Lake
Twenty Proof Creek
Old Landing Field
Tomahawk Camp (Abandoned)
Pit
BM 1428
BM 1491
BM 1547
BM 1534
BM 1560
BM 1622
BM 1702
Quarry
Dunka River
ERIE MINING COMPANY RAILROAD
LAKE CO
ST LOUIS CO
FINLAND STATE FOREST
BASSETT

7679 III NW (BABBITT) | 7679 II NW (SLATE LAKE WEST) | 7679 III SW (BABBITT SW) | 7679 II SW (GREENWOOD LAKE WEST)

5288 000m N. | 5287 | 5286 | 5285 | 5284 | 5283 | 5282 | 5281 | 5280 | 5279 | 5278 | 5277 | 5276 000m N.
42'30" | 40' | 420 000 FEET
T 61 N | T 60 N | T 59 N
5285 000m E. | 5286 | 5287 | 5288 | 5289 | 5290 | 5291 | 5292 | 5293 000m E.
2 310 000 FEET | 1 450 000 FEET

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography from aerial photographs by Kelsh plotter
Aerial photographs taken 1947. Field check 1952

Depth curves and soundings compiled from charts furnished by Minnesota Department of Conservation

Polyconic projection. **1927 North American Datum**
10,000-foot grid based on Minnesota coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks, zone 15, shown in blue

To place on the predicted North American Datum 1983 move the projection lines 5 meters north and 13 meters east as shown by dashed corner ticks

There may be private inholdings within the boundaries of the National or State reservations shown on this map

MN | GN | 0°53' 16 MILS | 15° 27 MILS
UTM GRID AND 1984 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
Heavy-duty — 4 LANE 2 LANE — Light-duty
Medium-duty — 4 LANE 2 LANE — Unimproved dirt
U. S. Route | State Route

MINN.
QUADRANGLE LOCATION

Revisions shown in purple and woodland compiled from aerial photographs taken 1981 and other source data. Partial field check by U. S. Forest Service. Map edited 1984

BABBITT NE, MINN.
47091-F7-TF-024

1952
PHOTOREVISED 1984
DMA 7679 III NE—SERIES V872